

ANNEX B
DETAILS OF THIKA WATER AND SEWERAGE COMPANY LIMITED
REGULAR TARIFF APPLICATION (2016/17 to 2018/19)

1. Expenditures

Expenditure Item	2015/16	2016/17	2017/18	2018/19
Operations & maintenance	448,380,665	497,944,319	514,868,321	538,981,428
Regulatory Levy	4,803,089	7,453,693	7,441,331	8,721,386
Investments	20,691,284	116,550,000	48,500,000	116,600,000
WSB Administrative Fees	13,958,570	14,212,622	16,195,305	16,422,039
Loan Repayment	-	26,261,969	80,101,605	102,005,854
Total Costs	487,833,608	662,422,604	667,106,562	782,730,707
Projected Revenue (KShs)	465,899,679	678,286,092	684,602,442	811,088,899
O&M Cost Coverage (%)	96%	102%	103%	104%

2. Proposed increase in Water Tariff Structure for 2016/17 to 2018/19

Type of customer	Proposed Tariff increase Per (M ³)
Residential	Minimum: KShs.13, Maximum KShs 30
Commercial/ Industrial/ Government institutions	Minimum: KShs.10, Maximum KShs 20
Standpipes/Kiosks	KShs. 5
Public schools, Universities & colleges	Minimum: KShs.20, Maximum KShs 25
Gated Communities/ multi Dwelling Units (NEW)	KShs. 53

3. Miscellaneous Charges

These shall be charged as per the approved miscellaneous charges approved by WASREB.

4. Service Delivery Conditions attached to the Tariff

Target	2016/17	2017/18	2018/19
Water Coverage:	96%	97%	98%
Water quality standards	100% compliance with the quality standards		
Non Revenue Water	30%	28%	27%
Hours of Supply	21	22	22
Metering ratio	90%	100%	100%
Collection Efficiency	91%	92%	93%

Resale at Kiosk

Regulate resale by kiosk vendors at Kshs 1 per 20-litres. Tariffs at kiosks must be displayed at strategic points for public awareness

5. Other Conditions

1. **Annual budgets:** The WSP shall adhere to the budgetary levels set in the tariff.
2. **Quarterly reporting:** the WSP shall submit quarterly progress reports on all the investments/Projects provided for in the tables below:

A1. CAPITAL BUDGET IN KENYA SHILLINGS FOR THE TARIFF PERIOD

INTERNALLY FUNDED PROJECTS					
	Project area				
No.	Project Description	Total Amount (KSH)	2016/2017	2017/2018	2018/2019
1.	Procurement of operation vehicles	12,000,000.00	4,000,000.00	4,000,000.00	4,000,000.00
2.	Procurement of Motorbikes	1,800,000.00	600,000.00	600,000.00	600,000.00
3.	Procurement of 30 KV Generator	4,000,000.00	4,000,000.00	-	-
4.	Procurement of 40 KVA Generator	4,800,000.00	-	-	4,800,000.00
5.	Solar powered Flood lights for Treatment works	1,600,000.00	-	1,600,000.00	-
6.	Additional raw water pump	4,000,000.00	4,000,000.00	-	-
7.	Three phase power connection for Magogoni borehole	3,000,000.00	3,000,000.00	-	-
8.	Consumer meter testing equipment	1,000,000.00	1,000,000.00	-	-
9.	Procurement of consumer meters	28,500,000.00	10,000,000.00	7,500,000.00	11,000,000.00
10.	Upgrading and extension of water supply in Low Income Areas. <i>See break down Below</i>	85,000,000.00	40,000,000.00	10,000,000.00	35,000,000.00
11.	Procurement of Water tanker (1 PC)	12,000,000.00	-	-	12,000,000.00
12.	Composite manhole covers (300 PCS)	2,500,000.00	1,000,000.00	500,000.00	1,000,000.00
13.	Upgrading sewer network	66,500,000.00	19,500,000.00	15,000,000.00	32,000,000.00
14.	computers (6 PCS)	500,000.00	-	500,000.00	-
15.	Furniture (10 sets)	1,000,000.00	-	-	1,000,000.00
16.	Consumer meter replacement	48,000,000.00	24,000,000.00	8,800,000.00	15,200,000.00
17.	Information Management systems improvement	5,450,000.00	5,450,000.00	-	-

	TOTAL	281,650,000.00	126,550,000.00	38,500,000.00	116,600,000.00
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A2. Details of Investment in Low income Areas (Item No. 10 above)

PROPOSAL FOR NEW WATER PROJECTS IN LOW INCOME AREAS				
	2016/2017			
ITEM	AREA	SIZE OF MAIN LINE	DISTANCE	ESTIMATED COST
1	Deacon Estate	DN 150mm	4KM	9,000,000.00
2	Salama Estate	DN 150mm	3KM	6,000,000.00
3	Kiganjo Estate	DN 150mm	2KM	4,500,000.00
4	Karibaribi Area	DN75 mm	2KM	4,500,000.00
2	Kisii Estate	DN 75mm	2KM	4,000,000.00
5	Gatuanyaga Area	DN 150mm	6Km	12,000,000.00
SUB-TOTAL				40,000,000.00
	2017/2018			
ITEM	AREA	SIZE OF MAIN LINE	DISTANCE	ESTIMATED COST
1	Karibaribi Area	DN 150mm	1.5KM	4,500,000.00
3	Kiangombe area	DN 75mm	2KM	4,000,000.00
4	Athena/Kiandegwa Estate	DN 75mm	1KM	1,500,000.00
				10,000,000.00
SUB-TOTAL				
	2018/2019			
ITEM	AREA	SIZE OF MAIN LINE	DISTANCE	ESTIMATED COST
1	Gatuanyag Area	DN 150mm	4Km	12,000,000.00
2	Witeithie Area	DN75mm	4Km	8,000,000.00
3	Deacons Estate	DN 75mm	3Km	6,000,000.00
4	Kiganjo Estate	DN 75mm	2Km	4,500,000.00
5	Kiangombe area	DN 75mm	2KM	4,500,000.00
SUB-TOTAL				35,000,000.00
GRAND- TOTAL				85,000,000.00

B 1 EXTERNALLY FUNDED PROJECTs

	Total loan in Ksh.
Efficiency Improvement Project	173,019,000.00
Additional Water Supply from Kairi Intake- Mary hill project	375,000,000.00
GRAND- TOTAL	548,019,000.00

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Details of Efficiency Improvement project

	ESTIMATED COST Ksh.
I. Bulk & Zonal Metering and DMA Isolation Valves	20,340,000.00
ii. Leak Detection Equipment, Training and Repair	27,450,000.00
iii. Production Process Improvement (Incl 15%)Contingency	125,925,000.00
	173,715,000.00

